

PATENT APPLICATION

Sheet 1 of 1



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
10015588-1	09/992,864	
APPLICANT		
Jeffrey L. Deeney		
FLING DATE	GROUP	2841
11/16/01		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A 4,164,003	8/7/1979	Cutchaw	
HB	1B 4,581,680	4/8/1986	Garner	
HB	1C 4,886,571	12/12/1989	Suzuki et al.	
HB	1D 5,239,198	8/24/1993	Lin et al.	
HB	1E 5,905,636	5/18/1999	Baska et al.	
HB	1F 5,956,576	9/21/1999	Toy et al.	
HB	1G 5,978,229	11/2/1999	Kim	
HB	1H 5,990,418	11/23/1999	Bivona et al.	
1I				
1J				
1K				

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L					
1M					
1N					
1O					
1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

Hung Bui

DATE CONSIDERED

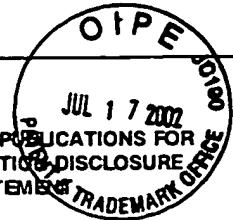
1/23/04

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A 4,545,610	10/08/1985	Lakritz et al.	
HB	1B 5,222,014	06/22/1993	Paul T. Lin	
HB	1C 5,541,450	07/30/1996	Jones et al.	
HB	1D 5,805,427	09/08/1998	Paul R. Hoffman	
1E				
1F				
1G				
1H				
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FOREIGN PATENT DOCUMENTS

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1L					
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1Q	
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FLING DATE	GROUP	2841

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
2A					
2B					
2C					
2D					
2E					
2F					
2G					
2H					
2I					
2J					
2K					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION
						YES
2L						
2M						
2N						
2O						
2P						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

HB	2Q	Jeffrey L. Deeney et al, patent application filed on November 16, 2001 titled Method And Apparatus Of Supporting Circuit Component Having A Solder Column Array Using Interspersed Rigid Columns, Attorney Docket No. 10015587-1, Pages 1-9 and 1 sheet of a drawing.
HB	2R	Jeffrey L. Deeney et al., patent application filed on November 16, 2001 titled Method And Apparatus For Supporting A Circuit Component Having A Solder Column Interconnects Using An External Support, Attorney Docket No. 10015590-1, Pages 1-15 and 2 sheets of drawings.
	2S	

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1/23/09

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FORM PTO-1449		ATTY. DOCKET NO. 10015588-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT Jeffrey L. Deeney		
(Use several sheets if necessary)		FILING DATE	GROUP	1C872 U.S. PRO 09/09/992864 11/16/01

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HB	1A	5,244,143	09/14/93	Thomas G. Ference		
↑	1B	5,557,503	09/17/96	Phillip Isaacs		
	1C	5,615,735	04/01/97	Stuart Yoshida		
	1D	5,926,370	07/20/99	S. Daniel Cromwell		
	1E	6,061,235	05/09/00	S. Daniel Cromwell		
	1F	6,084,178	07/04/00	S. Daniel Cromwell		
	1G	6,198,630	03/06/01	S. Daniel Cromwell		
↓	1H	6,231,333	05/15/01	Peter Alfred Gruber		
↓	1I	6,235,996	05/22/01	Shaji Farooq		
HB	1J	6,276,596	08/21/01	Peter A. Gruber		
	1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

HB	1Q	Thomas P. Dolbear et al., Effect of Mechanical Shock and Vibration on the Second-level Temperature Cycling Reliability of Ceramic Ball Grid Arrays with a Continuous Compressive Load Applied, 5 unnumbered pages.
HB	1R	R. Bargerhuff et al., Development of a Large Heatsink Support Structure, 12 unnumbered pages.
HB	1S	Thomas J. Augustin et al., patent application filed on November 16, 2001 titled Method And Apparatus For Shock And Vibration Isolation Of A Circuit Component, Attorney Docket No. 10014433-1, Pages 1-15 and 2 sheets of drawings.

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1/23/04